What is claimed is:

1.   A single-vision aspherical spectacle lens to correct eyesight comprising:

a front surface; and

a back surface,

wherein at least one of said front and back surface is aspherical, a framing reference point that is coincident with a pupil position of a user when the lens is installed on a frame is decentered from a geometrical center of an uncut circular lens.

2.   The single-vision aspherical spectacle lens according to claim 1, wherein said aspherical surface has a symmetric axis that intersects said framing reference point.

3.   The single-vision aspherical spectacle lens according to claim 1, wherein said front surface is spherical and said back surface is aspherical.

4.   The single-vision aspherical spectacle lens according to claim 2, wherein said back surface is a rotationally symmetrical aspherical surface and said symmetric axis is a rotational symmetric axis of said aspherical surface.

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5. The single-vision aspherical spectacle lens according to claim 2, wherein said back surface is symmetric with a pair of planes of symmetry that are perpendicular to each other, and said symmetric axis is an intersection line of said planes.

6. A processing method of an aspherical spectacle lens comprising:

attaching a semifinished lens blank whose front surface is finished to an NC machine tool; and

cutting or grinding a back surface of said semifinished lens blank to be an aspherical surface,

wherein said semifinished lens blank is attached to said NC machine tool such that said front surface is not inclined with respect to the machine coordinate of said NC machine tool.

7. The processing method according to claim 6, wherein said back surface is processed while said semifinished lens blank is rotated about an axis that intersects a geometrical center of said semifinished lens blank.

8. The processing method according to claim 6, further including transforming the target shape of said back surface defined in the predetermined coordinate system to that in said

machine coordinate thereby creating NC data for said NC machine
tool.